Mecha

Website: https://www.mecha.sh/

Twitter: https://twitter.com/@MechaNetworks
Followers: 1

Telegram: https://t.me/joinchat/AAAAAEo8qYK-zI5CXBbrFQ
Members: 4

LinkedIn: https://www.linkedin.com/company/mechanetworks/about/

Mecha Explainer Video: https://youtu.be/eL7NVRJUWnE

Co-Founders:
John Phan - Product
MA Economics, MBA

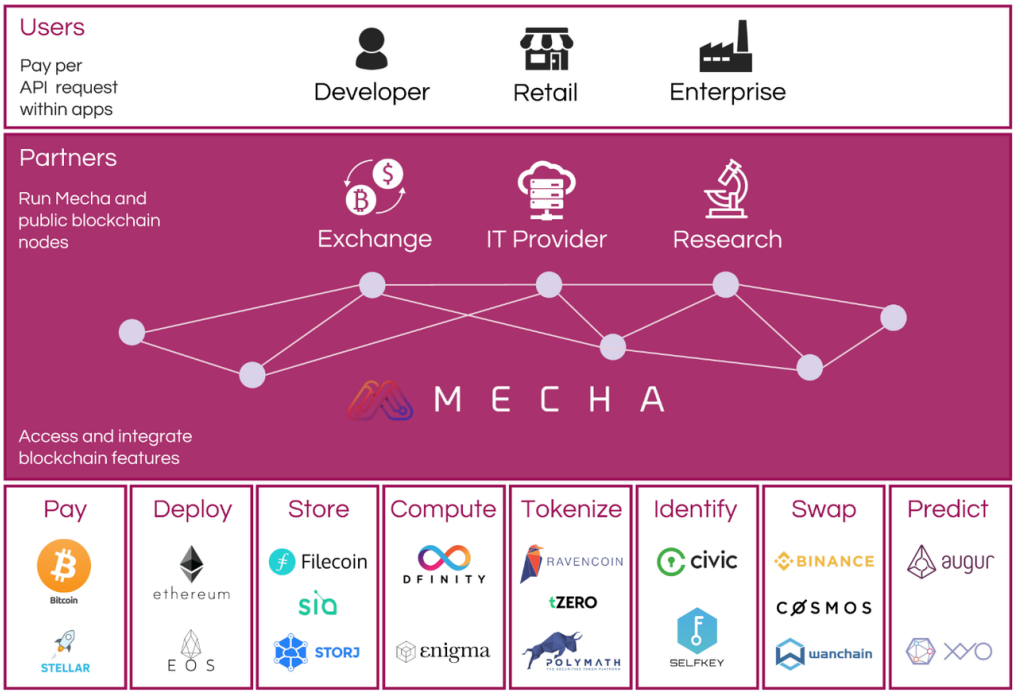
Romain Pellerin - Technology
PhD in Distributed Computing

What is it: Decentralized Multichain Operating System

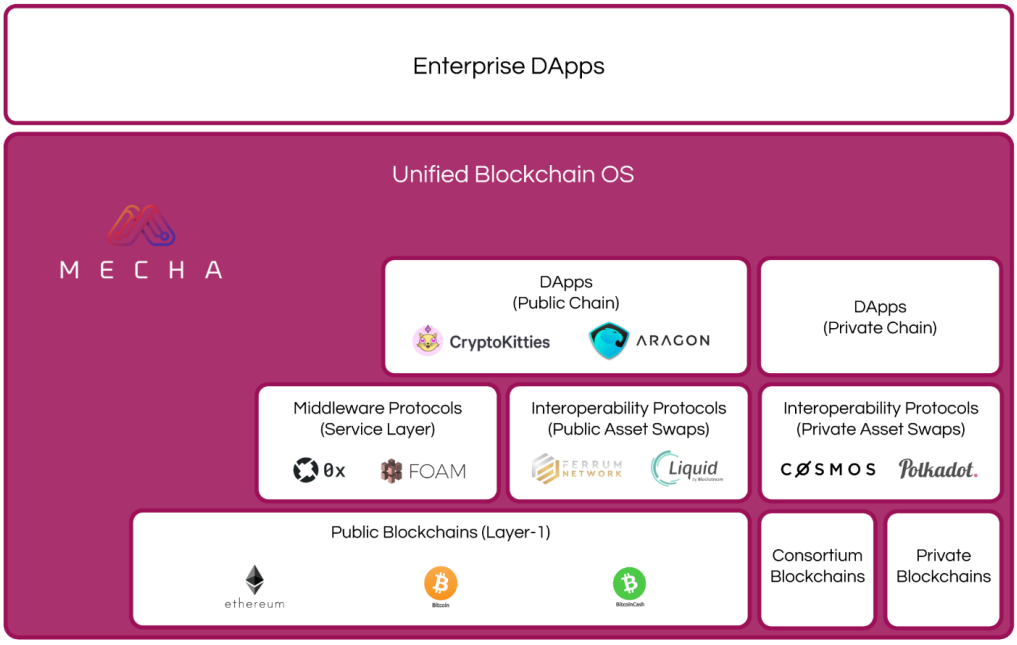
Benefits:

- Enables applications to access and integrate features from the public blockchains
- Decreases cost of integration
- Reduces complexity of building apps that leverage multiple chains

Architecture:



Stack:



Partner with existing node operators (exchanges, wallet providers, etc.) to monetize their nodes by renting access to customers

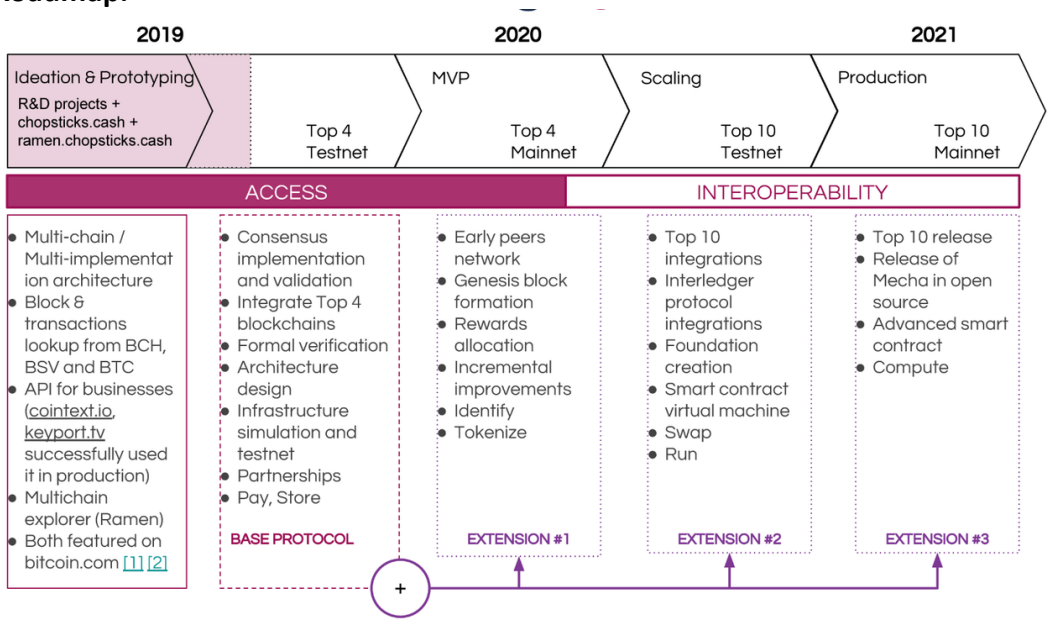
Partner with IT consulting firms to implement multichain solutions for enterprise customers

Consensus decided by secure proportion of partner and anonymous network.

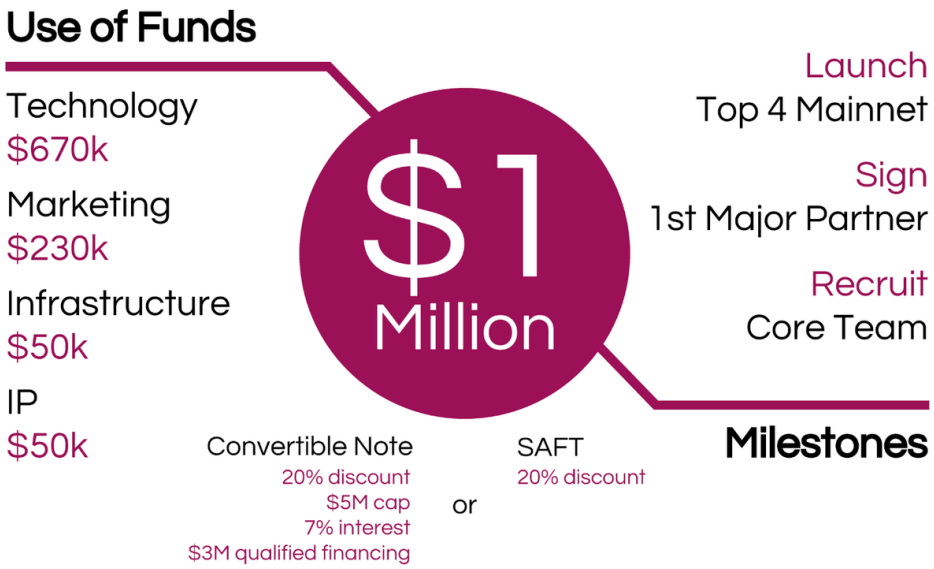
Reduces integration costs and complexity

TESTNET LAUNCH Q4 2019

Roadmap:



Deal Structure:



Partner Nodes: AMSYS, le cnam, FredomEx, XYO, CoinText

News Coverage:

Chopsticks API Gives BCH Application Developers Options During a Contentious Fork. (Bitcoin.com)
On Thursday, September 27, Eminent.ly developers announced the launch of an application programming interface (API) called Chopsticks.cash. The Chopsticks API is for application developers or advanced users that are worried about the possibility of a contentious fork this November.

Hash Wars: The Bitcoin Cash Hard Fork Has Begun. (Bitcoin.com)
Today Thursday, Nov. 15, a majority of the cryptocurrency community is fixated on the contentious Bitcoin Cash (BCH) hard fork and watching the spectacle with great anticipation. At approximately 1:00 p.m. EST miners backing both implementations started the fork process in order to change the Bitcoin Cash protocol ruleset. Currently, at the time of publication, the chain has split and the Bitcoin ABC side of the chain is three blocks ahead of the forked SV chain.

Wanchain

Website: https://www.wanchain.org/

Twitter: https://twitter.com/wanchain_org
109k Followers

CEO Jack Lu's Twitter: https://twitter.com/jacklu_wan
4500 Followers

Telegram: https://twitter.com/wanchain_org
24,943 Subscribers

Discord: https://discordapp.com/invite/3DpeV6W
8,600 Members

Reddit: https://www.reddit.com/r/wanchain/
17k Members

Facebook: https://www.facebook.com/wanchainfoundation/
16,643 Likes

Github: https://github.com/wanchain

Medium: https://medium.com/wanchain-foundation

CoinMarketCap: https://coinmarketcap.com/currencies/wanchain/

Block Explorer: https://explorer.wanchain.org/

Whitepaper: https://wanchain.org/files/Wanchain-Whitepaper-EN-version.pdf

Total Token Supply: 210,000,000

Wanchain FAQ on Reddit:
https://www.reddit.com/r/wanchain/comments/885064/wanchain_faq/

About Wanchain

Wanchain (WAN) aims to build a **'super financial market'** by connecting distinct digital assets. Its key features are **cross-chain interoperability, privacy, and smart contract functionality**. Wanchain connects and facilitates the transfer of value between different blockchains in a distributed fashion. **Public or private blockchains can integrate with Wanchain** to establish connections between different ledgers and perform **inter-ledger asset transfers**. The Wanchain ledger supports not only **smart contracts**, but also **token exchange privacy protection**. Use cases of the Wanchain include **asset transfers, loan origination, and credit payments**. Wanchain is part of the Enterprise Ethereum Alliance (EEA) and Blockchain Interoperability Alliance (BIA). The latter comprises ICON, Aion, and Wanchain and has the shared goal of promoting interconnectivity between isolated blockchain networks.

Wanchain aims to be a **distributed bank**.

Native Coin: Wancoin is the native coin of Wanchain. Both cross- and intra-chain transactions consume a certain amount of Wancoin. Wancoin is also used in security deposits for the cross-chain verification nodes.

Wanchain adopts a **Proof of Stake (POS)** consensus mechanism for ordinary transactions and implements consensus and incentive mechanisms for cross-chain transactions.

Architecture:

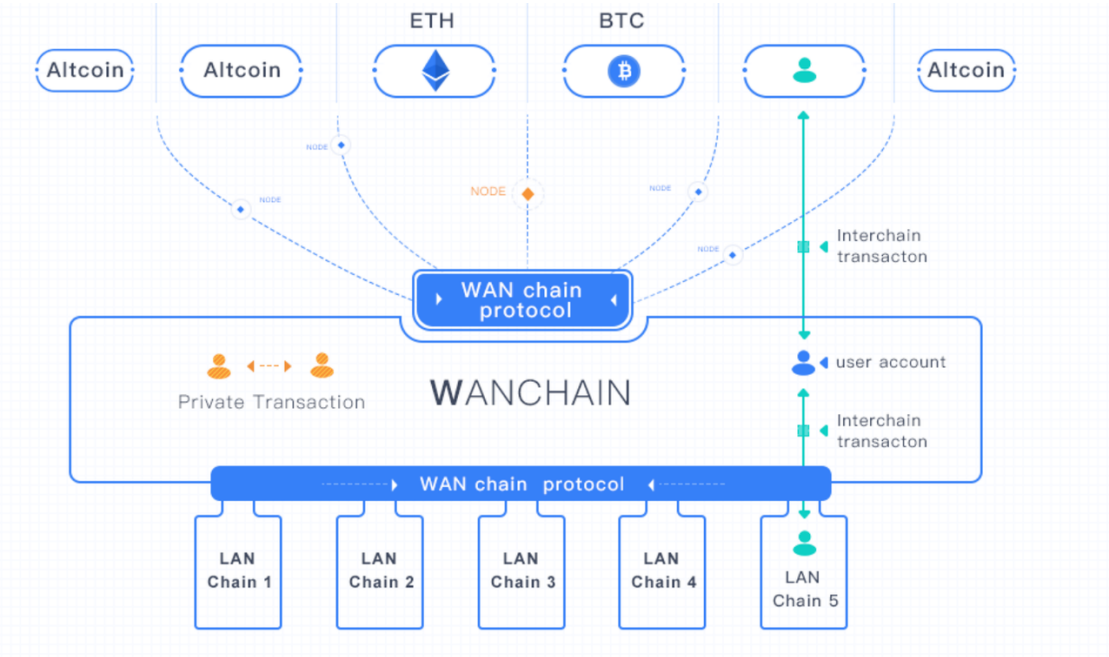


Figure 2.1: Model of WANChain

Cross-chain Transaction from Ethereum to Wanchain

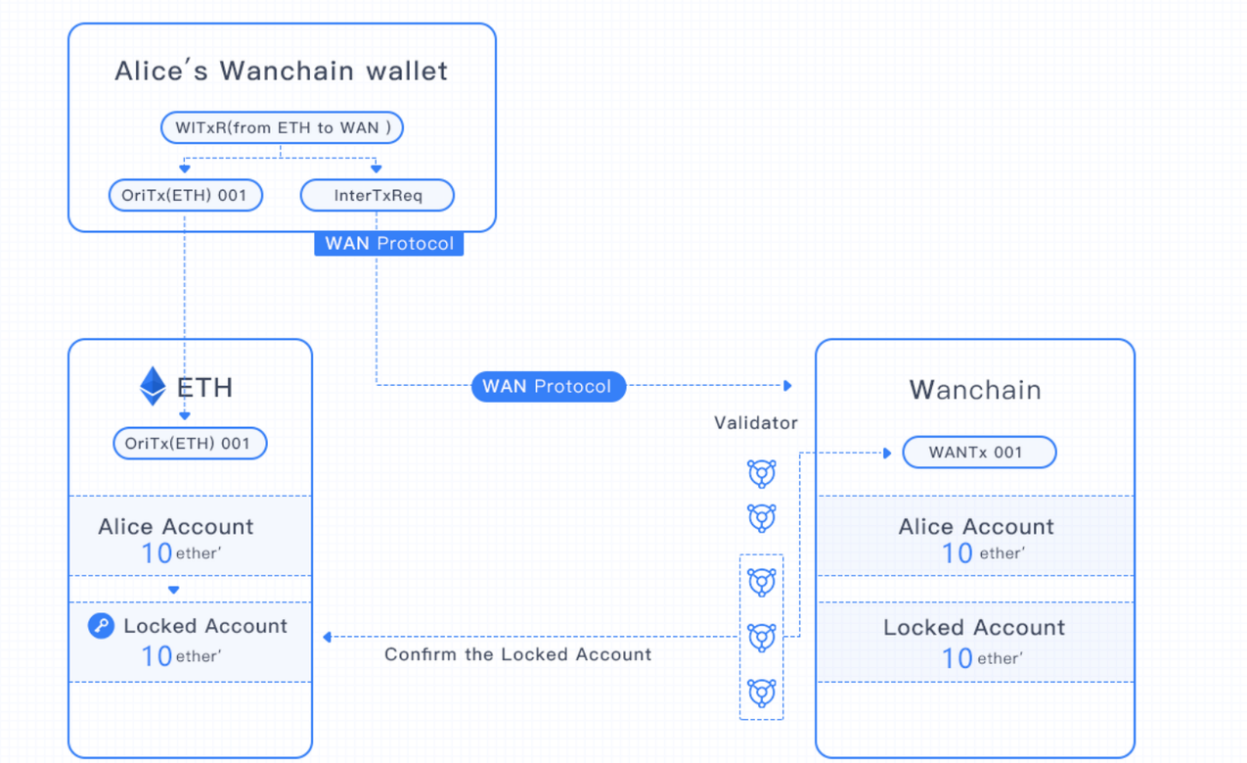


Figure 2.2: Cross-Chain Transaction From Ethereum to Wanchain

Cross-chain Transaction from Wanchain to Ethereum

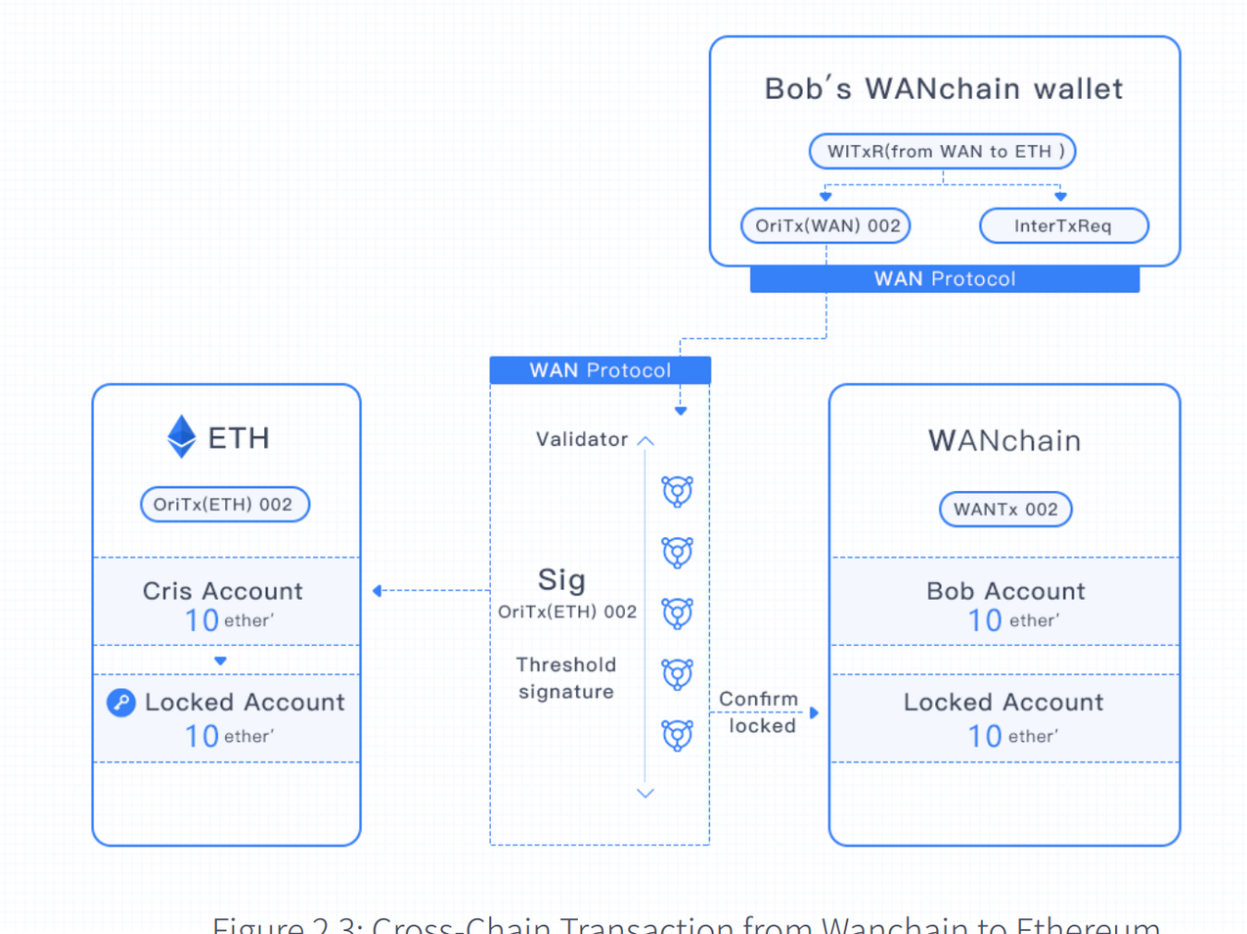


Figure 2.3: Cross-Chain Transaction from Wanchain to Ethereum

Anonymity: On Wanchain, ring-signature and one-time accounts are implemented to achieve anonymity in smart contract token transactions. Ring-signature mixes the transaction sender in a set of fake members to make the sender untraceable. A one-time account is generated for each transaction, so it can not be linked to the true owner.

Potential Wanchain Applications

- Borrowing and Lending
- Payment and Settlement
- Transaction and Exchange
- Investment and Financing
- Other Applications

Cosmos Analysis

COSMOS

INTERNET OF BLOCKCHAINS

Website: https://cosmos.network/

Twitter: https://twitter.com/cosmos
25.7k Followers

Reddit: https://reddit.com/r/cosmosnetwork
5.1k Subscribers

YouTube: https://www.youtube.com/c/CosmosProject
1.1k Subscribers

Telegram: https://t.me/cosmosproject
11,197 Members

LinkedIn: https://www.linkedin.com/company/tendermint/
1,265 followers

Blog: https://blog.cosmos.network/

Github: https://github.com/cosmos
Apache License 2.0

Documentation: https://cosmos.network/docs/

Whitepaper: https://cosmos.network/resources/whitepaper

Block Explorer: https://www.mintscan.io/

Community: https://cosmos.network/community

Forum: https://forum.cosmos.network/

FAQ: https://cosmos.network/resources/faq

Symbol: **ATOM**

Coin Trading Start Date: March 14, 2019

Cosmos is a decentralized network of independent parallel blockchains, each powered by BFT consensus algorithms like Tendermint consensus.

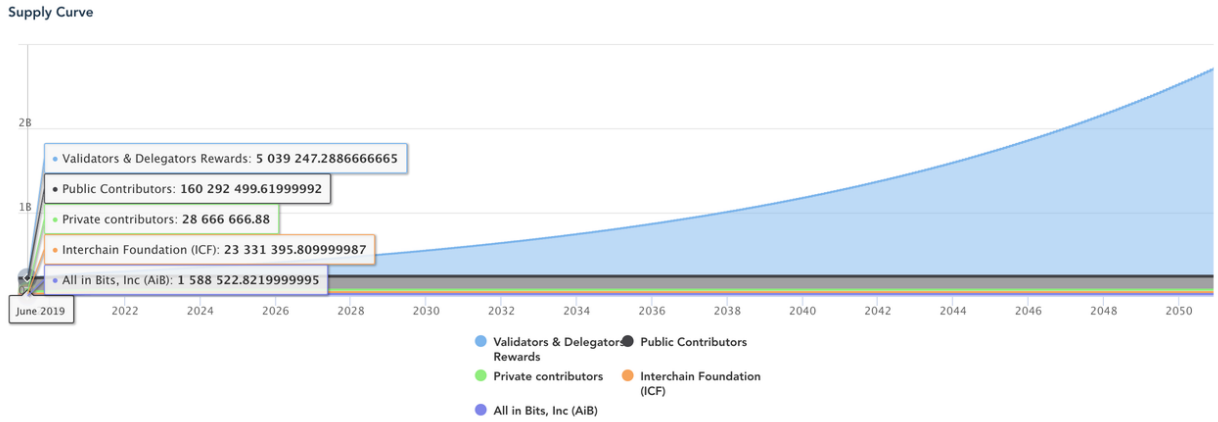
Any blockchain application can use Cosmos to power its consensus layer.

Tendermint aggregates votes from validators to determine the correct next block.

Each round of block consensus is composed of three steps (**Propose**, **Prevote**, and **Precommit**), along with two contingent steps **Commit** and **NewHeight**.

How Cosmos addresses the three biggest problems in blockchain

- **Scaling**: Tendermint Proof-of-Stake allows blockchain to process thousands of transaction per second, and Cosmos allows blockchain to scale even further by connecting them together.
- **Interoperability**: Cosmos can interoperate with multiple other applications and cryptocurrencies thanks to the Inter-Blockchain Communication Protocol (IBC), something other blockchains can't do well. By creating a new zone, you can plug any blockchain system into the Cosmos hub and pass tokens back and forth between those zones, without the need for an intermediary. These blockchains can be completely independent, meaning that they can exchange value without giving up on their sovereignty. In Cosmos, private blockchains can interoperate with both public and private blockchains.
- **Developer experience**: One of Cosmos goals is to smoothen this process so that developing blockchains and decentralised applications becomes easy and fast. To that end we offer a diverse suite of tool ranging from ABCI-applications that can be deployed in any language to the Cosmos-SDK, a golang framework to deploy public proof-of-stake blockchains and Ethermint, the Ethereum Virtual Machine deployed on top of Tendermint.



Tech Overview

Cosmos SDK: The Cosmos SDK is a user-friendly, modular framework that allow developers to quickly and easily build a custom blockchain application, powered by Tendermint Core's BFT Proof of Stake protocol.

Tendermint Core: Tendermint Core is a PBFT (practical byzantine fault tolerant) consensus protocol that prioritizes safety over liveliness. Tendermint Core's application interface, ABCI allows transactions to be processed in any language

IBC: The Inter-Blockchain Communication Protocol (IBC) is a standard protocol that enables two chains with finality to transfer tokens and data in a decentralized way. It functions in a similar way the TCP/IP does for the internet. This is the mechanism that enables communication and crypto-asset transfers across a network of siloed blockchains to securely interoperate.

Ethermint: Ethermint is a Cosmos SDK application that runs the EVM as a module and is fully compatible with the Web3 RPC interface. It supports Ethereum smart contracts, allowing Ethereum developers to easily port their dApp over into the Cosmos ecosystem.

Cosmos Wallet: Voyager is an easy-to-use wallet interface designed to enable atom holders to perform common transactions through a modern GUI: transfer coins, stake, and participate in governance on Cosmos SDK chains.

Peggy: Peggy is a type of IBC designed for communicating to legacy chains (that aren't natively IBC compatible) such as Bitcoin and Ethereum and acts as a bridge to the Cosmos ecosystem.

Token Sale

The Interchain Foundation defined 4 categories of contributions to the development and launch of the Cosmos Network: **Private Contributors, Public Contributors, All in Bits Inc (AiB), and the Interchain Foundation (ICF).** The strategic and early contributors contributed an amount of USD 1,329,472.33 at a discount from the public fundraiser's USD/ATOM rate (discounts ranged from 15-25%), prior to the public fundraiser. They received 16,856,718.97 ATOMs. The seed contributors contributed an amount of USD 300,000. They received 11,809,947.91 ATOMs.

In total, 236,198,958.12 ATOMs were allocated at genesis to 984 accounts.

ICON

Website: https://icon.foundation/?lang=en

Telegram: https://t.me/hello_iconworld
16k Members

Twitter: https://twitter.com/@helloiconworld
114k Followers

Facebook: https://www.facebook.com/helloicon
7,235 Likes

Github: https://github.com/icon-project

Medium: https://medium.com/helloiconworld

Reddit: https://www.reddit.com/r/helloicon/
24.9k Members

Block Explorer: https://tracker.icon.foundation/

Whitepaper: http://docs.icon.foundation/ICON-Whitepaper-EN-Draft.pdf

Yellowpaper:
https://icon.foundation/resources/file/ICON_Yellowpaper_ICONstitution_and_Governance_EN_V1.0.pdf?v=180914

YouTube: https://www.youtube.com/channel/UC5SrWL7CKY09cVtuDxHtizw
3k Subscribers

Explainer Video: https://youtu.be/etdy-FT_e2k

Comprehensive Post-ICO Teardown of ICON:
https://icorating.com/analytics/posticorating/icon-post-ico/

ICO Date: September 16, 2017

ICO Price: 1 ICX = 0.0004 ETH

Token Symbol: **ICX**

Token Usage: Network Fees

Token Distribution: 800,460,000 in total 400,230,000 for sale 16% for reserve 10% for team, advisors and early contributors 10% for community groups and strategy partners 14% for the foundation

Amount raised: $45,000,000 USD

Max Token Supply: 800,460,000

Consensus Method: Loop Fault Tolerance

Block Explorer: https://tracker.icon.foundation/

About ICON

Lead by the Seoul-based **ICONLOOP** (formerly theloop), ICON (ICX) aspires to build a decentralized network that **allows different blockchains to transact with one another.** The project's goal is to **unify the balkanized blockchain ecosystem** through its protocol and community-building initiatives. Potential use cases for ICX include transactions involving **securities, currencies, loans, intellectual property, and personal authentication.**

The ICON Project aims to build a decentralized network that allows **independent blockchains with different governances to transact with one anothe**r without intermediaries.

The ICON network can be broken down into three key elements: ICON network **components, connectivity, operation**. The idea is that disparate blockchain communities (capital markets, various institutions, etc.) could be connected to form an ICON Republic through a linking Nexus network.

ICON operates on loopchain with following technical features:

- **LFT (Loop Fault Tolerance) is an enhanced BFT (Byzantine Fault Tolerance)-based algorithm** that promotes faster consensus and ensures the finality of the consensus without the possibility of forks within the network.

- **SCORE, loopchain's own Smart Contract platform,** ensures contracts to run directly in the node operation environment without a separate Virtual Machine.
- **Multi-channel feature** allows multiple independent channels to be created within the same blockchain network to execute request, consensus, and Smart Contracts separately.
- **Tiered access system** to differentiate access rights to nodes with different functions.

To achieve this network, ICON incorporates a five-prong network: **Community** (a network of nodes running compatible software similar to Bitcoin's or Ethereum's node "community"), **C-Node** (the code run by each node member), **C-Rep** (a class of community C-Nodes that significantly contribute to the ICON network and have transaction confirmation voting rights), **ICON Republic** (users that connect different network communities), **Citizen Node** (the nodal component of ICON republic that don't have network voting rights, but can run by dapps on ICON's "loopchain" smart contract execution protocol).

Tech Overview

The "network of blockchains" that ICON aims to achieve is accomplished through Nexus, a loopchain-based blockchain that allows discrete blockchain protocols to connect in cross-chain transactions via ICON Portals that connect through Nexus. ICON analogizes Portals to the SWIFT banking network. Portals run ICON's Blocchain Transmission Protocol (BTP) that
ICON intends to serve as a connector for a large network of blockchains with different styles of governance similar to the Internet that connects computers through a shared communication layer.

ICON also includes loopchain, a smart-contract oriented bloc chain that is based on the Smart Contract On Reliable Environment (SCORE) protocol. Based on loopchain, ICON sports Loop Fault Tolerance (LFT) that aims to ensure faster network consensus without the possibility of forks by maintaining a group of trusted ICON nodes.

ICON tokens (ICX) are native to Nexus and transferrable between blockchains connected to the BTP network. ICON also supports a ICX-based decentralized exchange (DEX) that supports the exchange of different native assets across the ICON network.

Github Activity	
Stars	38
Watchers	15
Commits 90Days	79
Commits 1Year	470
Lines Added 90Days	1,780
Lines Added 1Year	46,155
Lines Deleted 90Days	1,668
Lines Deleted 1Year	20,176

Liquid by Blockstream

Website: https://blockstream.com/liquid/

Twitter: https://twitter.com/Blockstream
110k Followers

LinkedIn: https://www.linkedin.com/company/blockstream/
7,211 followers

Facebook: https://www.facebook.com/Blockstream/
3,858 Likes

Github: https://github.com/Blockstream

Youtube: https://www.youtube.com/channel/UCZNt3fZazX9cwWcC9vjDJ4Q
1.1k Subscribers

Whitepapers: https://blockstream.com/whitepapers/

- Enabling Blockchain Innovations with Pegged Sidechains. (PDF)
- Confidential Assets. (PDF)

Original announcement from 2015: https://blockstream.com/2015/10/12/en-introducing-liquid/

Elements: https://elementsproject.org/

What is the Liquid Network?
The Liquid Network is a blockchain for exchanges, brokers, and market makers that enables fast, private Bitcoin transactions with other members of the network. Through Liquid's Issued

Assets feature, members can tokenize fiat currencies, securities, or even other cryptocurrencies.

What is Elements?
Elements is an open source, sidechain-capable blockchain platform, providing access to powerful features developed by members of the community, such as Confidential Transactions and Issued Assets.

An example of an Elements based sidechain in production use is Blockstream's Liquid.

The features and benefits of using Elements

Features	Benefits
Asset Issuance - multiple types of asset can be issued and transferred between network participants.	Secured by a federation of parties with aligned incentives.
Confidential Transactions - transaction amount and asset type are private, known only to sender and receiver.	Leverages the stability of the Bitcoin codebase, extending it with innovative new features.
Flexible Configuration - Elements can operate as a standalone blockchain or as a sidechain, where assets are pegged to those on another blockchain.	No risk of multi-block reorganizations - federated blocksigning provides rapid transaction finality.
Federated, two-way peg - allows assets to be transacted across different blockchains.	Issue multiple different types of privately transferable assets on a single blockchain, opening up many new use cases.
Signed Blocks - block creation through multi-party signature retains some decentralized properties while decreasing transaction confirmation times and preventing multi-block reorganizations.	Open source codebase lets you experiment with different security models and features created by other members of the community.

News

Blockstream Releases First Enterprise-Grade Product on Liquid. (Bitcoin Magazine)

Blockstream's flagship sidechain, Liquid, is off to a slow start. (The Block)

Liquid Goes Live: Blockstream's First Bitcoin Sidechain Has Finally Arrived. (CoinDesk)

Blockstream Launches Security Token Platform on Bitcoin Sidechain. (CoinDesk)

Ferrum Network

Website: https://ferrum.network/

Twitter: https://twitter.com/FerrumNetwork
2.7k Followers

Telegram: https://t.me/ferrum_network
12k Members

YouTube: https://www.youtube.com/channel/UCN658dMRTaH4C4dP32VHi6Q
47 Subscribers

Medium: https://medium.com/ferrumnetwork

Facebook: https://www.facebook.com/Ferrum-Network-2344675192486134
592 Likes

Instagram: https://www.instagram.com/ferrumnetwork/
152 Followers

LinkedIn: https://www.linkedin.com/company/ferrumnet/
84 Followers

Reddit: https://www.reddit.com/r/FerrumNetwork/
415 Members

Bounty Program: https://bitcointalk.org/index.php?topic=5135250

Github: https://github.com/ferrumnet

Lite Paper: https://github.com/ferrumnet/litepaper/blob/master/LITEPAPER.md

One-pager: http://onepager.ferrum.network/

Whitepaper: http://whitepaper.ferrum.network/

Kudi Exchange: https://kudi.exchange/

Token: **FRM**
(Public Sale: 31 July 2019)

Ferrum Information

Ferrum Network was built to address two fundamental problems impeding the mainstream adoption of cryptocurrencies: **slow transaction speeds** and the **lack of interoperability** between networks.

Ferrum network is a decentralized network like the Ethereum Network or IOTA, but can represent coins in other networks. This allows for decentralized and interoperable applications such as the Ferrum Decentralized Exchange (Fe DEX), and the Ferrum Wallet.

Ferrum tokens (FRM) aren the Ferrum Network's native tokens. All other tokens in the Ferrum network are a representation of other assets such as BTC, ETH, TUSD, etc. Similar to Ethereum gas, **Ferrum tokens are spent to run the transactions on the network**. Because **Ferrum has no miners**, spending FRM tokens is necessary to prevent a malicious attacker from spamming the network. FRM tokens are also used to **reduce fees on the Fe DEX**, to import/export value to and from the network, among other necessary functions. Whenever FRM tokens are spent, they are burned.

Ferrum's functionality is similar to the most popular centralized exchanges such as Binance and Coinbase. Where it differs from other exchanges is in the fact that it is "decentralized". However, when you use Ferrum, you keep your private keys and Ferrum Exchange never holds any of your money.

In comparison with other decentralized exchanges (DEXs) such as IDEX, Ferrum is interoperable, meaning it is blockchain agnostic and effectively enables cross-chain transactions, but all within one network. In practical terms, this means Ferrum is not limited to ERC-20 tokens and users can exchange a wide range of digital currencies. In addition, it is much faster and cheaper than existing DEXs. This is because Ferrum Network is much faster than the Ethereum network, which is the foundation of most other decentralized exchanges. Furthermore, users do not need to pay gas fees for running transactions. In short, by using the Fe Wallet and/or Fe DEX, users can execute a nearly instant decentralized exchange of Bitcoin for Ethereum (and a wide range of other digital assets), with the same ease and speed as a centralized exchange, but at a fraction of the cost and without custodial risk.

Ferrum launched with 4 dApps: The **Ferrum Wallet**, **Ferrum Decentralized Exchange**, **Kudi Exchange**, and the **Ferrum Sub-Zero Wallet.**

Ferrum Network token will be ERC-20 token, migrating to native with Mainnet (launching Q4 2019). Ferrum Network token is the gas of the network.

Ferrum Network will introduce also The Reserve Model to decrease a circulating supply of FRM tokens. More information will be announced soon.

Functionality

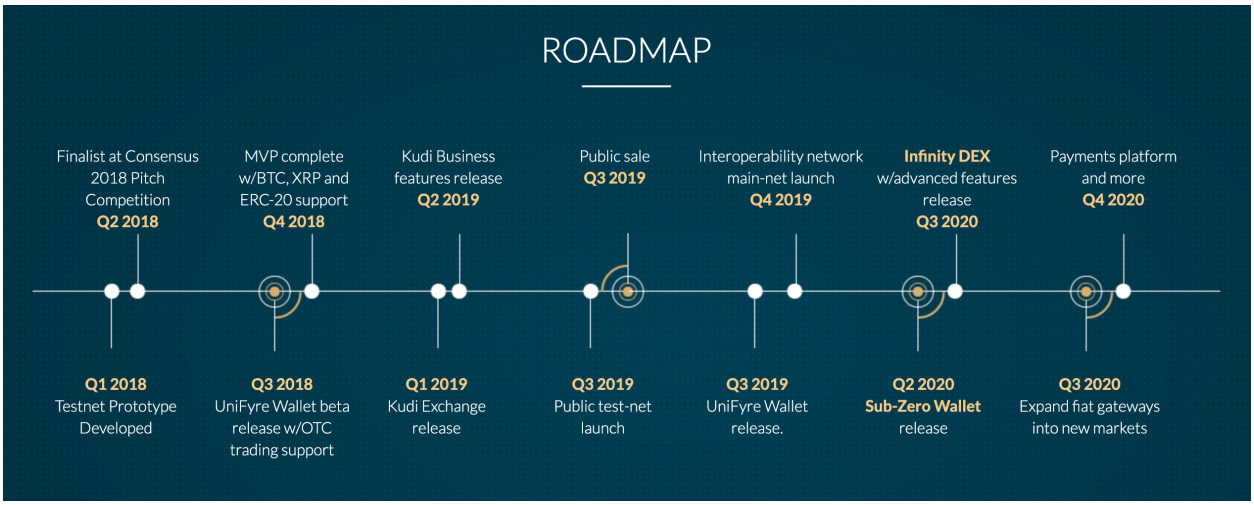
When you send coins to Ferrum, from the Bitcoin network, for example, Ferrum creates a unique Bitcoin address for you called the “lock address”. No one in the world ever sees the private key for the lock address. Instead, the **private key is created in distributed nodes within and around the Ferrum Network.** When Bitcoin arrives to your locked address, the same amount of Bitcoin is generated in the Ferrum Network. You can then spend, exchange, and use the Bitcoin in the Ferrum network, enjoying its high speed and low fees. Holders of Bitcoins in the Ferrum Network can at any time destroy their proxy Bitcoins and get an identical amount of Bitcoins in the main Bitcoin network. A user only has to request that the network unlock the same amount of Bitcoins from the originally locked account, and present the proof of destroyed Ferrum Bitcoins. In practice, this happens with the click of a button in the Fe Wallet.

Kudi Exchange

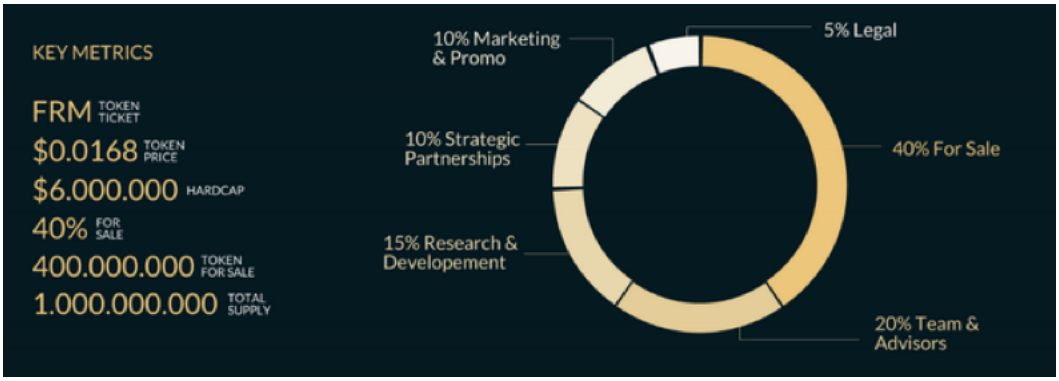
Kudi Exchange is a digital asset platform and mobile app that allows you to transact, do business, and to send and receive payments in a secure, fast and inexpensive manner. Kudi Exchange keeps the majority of the funds on the platform in offline cold storage. Kudi exchange was founded in 2017 with the sole purpose of bringing the revolutionary technologies of blockchain and digital currencies to individuals on the african continent.

Google Play Store: https://play.google.com/store/apps/details?id=com.ferrum.kudi
22 Reviews

Roadmap



Token Distribution



Underlying Tech

- **The DAG ledger:** A decentralized ledger similar to a blockchain but designed for fast transactions, minimal network fees and no miners
- **Interoperability Network:** Innovating on cross-chain solutions, Ferrum can interoperate with any blockchain/network
- **Decentralized Proxy Tokens:**Decentralized proxy tokens with stability guarantees enable the exchange/transaction of any digital asset, including digital fiat
- **High Frequency Trading:** Native support to move assets off-chain and perform high frequency trades and transactions for nominal costs
- **The FRM Token:** Gas of the network, FRM tokens are spent and burned for every transaction on the network
- **Import/Export Value:** Ferrum is designed to import/export values, including fiat currencies

News

An Overview of Ferrum Network's Ground Breaking Decentralized Wallet and Exchange. (YouTube)

FRM Private Sale is Complete! (Medium)

Announcing the Public Launch of Kudi Exchange — Powered by Ferrum Network. (Medium)

Ferrum Network ICO Review. (CryptoTreat)

Ferrum Network review by Midgard Research. (CryptoDiffer)